

856**Ship Notice/Manifest****Functional Group=SH****DSCR Subset - X.12 Version 3050-856****VERSION: Based on Federal IC DRAFT****Author: Leroy Buard, Defense Supply Center Richmond****Publication Date: 11/21/2000 "Final Version 2.1****Approved By: DSCR Technical Review Board (11/07/00)**

This "Draft Standard" for "Trial Use" contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) and DSCR EDI procurement environment. The transaction set is used to communicate and verify the contents of a shipment of goods as well as tracking information relating to the shipment, such as Federal Express (FedEx), United Parcel Service, etc., product description, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction set is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Segments:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	ISA	Interchange Control Header	M	1		
020	GS	Functional Group Header	M	1		

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	ST	Transaction Set Header	M	1		
020	BSN	Beginning Segment for Ship Notice	M	1		
040	DTM	Date/Time Reference	O	10		

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
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LOOP ID - HL				200000															
010	HL	Hierarchical Level (Address)	M	1		C2/010													
LOOP ID - N1				200															
340	N1	Name	M	1															
350	N2	Additional Name Information	O	2															
360	N3	Address Information	O	2															
370	N4	Geographic Location	O	1															
390	PER	Administrative Communications Contact	R	3															
LOOP ID - HL				200000															
400	HL	Hierarchical Level (Shipment)	M	1		C2/400													
470	TD1	Carrier Details (Quantity and Weight)	R	20															
480	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12															
510	REF	Reference Numbers	M	>1															
LOOP ID - CLD				200															
520	CLD	Load Detail	O	1															
530	DTM	Date/Time Reference	O	10															
540	FOB	F.O.B. Related Instructions	O	1															

LOOP ID - HL					200000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
020	SE	Transaction Set Trailer	M	1		

Segments:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	GE	Functional Group Trailer	M	1		
020	IEA	Interchange Control Trailer	M	1		

ISA Interchange Control Header

Pos: 010	Max: 1
- Mandatory	
Loop: N/A	Elements: 16

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ISA01	I01	Authorization Information Qualifier Description: Code to identify the type of information in the Authorization Information. <u>Code Name</u> 00 No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2
ISA02	I02	Authorization Information Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10
ISA03	I03	Security Information Qualifier Description: Code to identify the type of information in the Security Information. <u>Code Name</u> 00 No Security Information Present (No Meaningful Information in I04)	M	ID	2/2
ISA04	I04	Security Information Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10
ISA05	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified. <u>Code Name</u> 01 Duns (Dun & Bradstreet) 14 Duns Plus Suffix ZZ Mutually Defined	M	ID	2/2
ISA06	I06	Interchange Sender ID Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element. User Note 1: Duns (Dun & Bradstreet)	M	AN	15/15
ISA07	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified. <u>Code Name</u> 02 Duns (Dun & Bradstreet) 14 Duns Plus Suffix ZZ Mutually Defined	M	ID	2/2
ISA08	I07	Interchange Receiver ID Description: Identification code published by the receiver of the data. When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to	M	AN	15/15

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
		them.			
ISA09	I08	Interchange Date Description: Date of the interchange.	M	DT	6/6
ISA10	I09	Interchange Time Description: Time of the interchange.	M	TM	4/4
ISA11	I10	Interchange Control Standards Identifier Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer. <u>Code</u> <u>Name</u>	M	ID	1/1
		U U.S. EDI Community of ASC X12, TDCC, and UCS			
ISA12	I11	Interchange Control Version Number Description: This version number covers the interchange control segments. <u>Code</u> <u>Name</u>	M	ID	5/5
		00305 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through December 1994			
ISA13	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9
ISA14	I13	Acknowledgment Requested Description: Code sent by the sender to request an interchange acknowledgment (TA1) All valid standard codes are used.	M	ID	1/1
ISA15	I14	Test Indicator Description: Code to indicate whether data enclosed by this interchange envelope is test or production. (Note: when testing with DSCR using the Mercator translator use "P" indicator). <u>Code</u> <u>Name</u>	M	ID	1/1
		P Production Data (See note above)			
ISA16	I15	Component Element Separator Description: This field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M	AN	1/1

GS**Functional Group Header**

Pos: 020	Max: 1
- Mandatory	
Loop: N/A	Elements: 8

To indicate the beginning of a functional group and to provide control information

Semantics:

1. GS04 is the Group Date.
2. GS05 is the Group Time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated Functional Group Trailer GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
GS01	479	Functional Identifier Code Description: Code identifying a group of application related Transaction Sets. <u>Code Name</u> SH Ship Notice/Manifest (856)	M	ID	2/2
GS02	142	Application Sender's Code Description: Code identifying party sending transmission. Codes agreed to by trading partners.	M	AN	2/15
GS03	124	Application Receiver's Code Description: Code identifying party receiving transmission. Codes agreed to by trading partners.	M	AN	2/15
GS04	373	Date Description: Transaction Date (YYMMDD).	M	DT	6/6
GS05	337	Time Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8
GS06	28	Group Control Number Description: Assigned number originated and maintained by the sender.	M	N0	1/9
GS07	455	Responsible Agency Code Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard. <u>Code Name</u> X Accredited Standards Committee X12	M	ID	1/2
GS08	480	Version / Release / Industry Identifier Code Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments. <u>Code Name</u>	M	AN	1/12

11/07/00		Ship Notice/Manifest - 856			
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
		003050F856_0 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1994			

ST

Transaction Set Header

Pos: 010

Max: 1

Heading - Mandatory

Loop: N/A

Elements: 2

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
ST01	143	<div>Transaction Set Identifier Code</div> <div>Description: Code uniquely identifying a Transaction Set.</div> <div><div>Code</div><div>Name</div><div>856X12.10 Ship Notice/Manifest</div></div>	M	ID	3/3
ST02	329	<div>Transaction Set Control Number</div> <div>Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</div> <div>User Note 1: A unique number assigned by the originator of the transaction set, or the originator's application program.</div>	M	AN	4/9

BSN Beginning Segment for Ship Notice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

To transmit identifying numbers, dates and other basic data relating to the transaction set

DOD Note:

Use the 2/LM/340 loop in the 2/HL/010 shipment loop to indicate the status of the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
BSN01	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set. <u>Code Name</u> 14 Advance Notification Description: Indicate "Advance Notification" to DSCR relative to a specific PO.	M	ID	2/2
BSN02	396	Shipment Identification Description: A shipment control number assigned by the original shipper to identify a specific shipment.	M	AN	2/30
BSN03	373	Date Description: Date (YYMMDD). User Note 1: To specify shipping document creation which to serve as a validation method and cross-reference to track shipments and/or documents pertaining to specific shipments.	M	DT	6/6
BSN04	337	Time Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes. User Note 1: 1. Express the originating activity's time in Universal Time Coordinate (UTC). 2. Express time in a four-position (Hour Hour Minute Minute) format.	M	TM	4/8
BSN05	1005	Hierarchical Structure Code Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set. In this transaction Set 001 refers to "Shipment." <u>Code Name</u> 0001 Address, Shipment, and Item	O	ID	4/4
BSN06	640	Transaction Type Code Description: Code specifying the type of transaction. User Note 1: Use to indicate the type of transaction. <u>Code Name</u> AS Shipment Advice Description: Notification by an inventory management organization providing current shipping advice relating to the outstanding requisition or order	O	ID	2/2

DTM Date/Time Reference

Pos: 040	Max: 10
Heading - Optional	
Loop: N/A	Elements: 5

To specify specific cargo "Ship Date and Time" from "Supplier (s) to Customer and/or DSCR." Note: Use DTM POS. 530 to specify if shipment has been delivered.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>				
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time or both date and time. <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>011</td><td>Shipped</td></tr></table>	<u>Code</u>	<u>Name</u>	011	Shipped	M	ID	3/3
<u>Code</u>	<u>Name</u>								
011	Shipped								
DTM02	373	Date Description: To specify specific cargo "Ship date" <div>1. Express the date in Universal Time Coordinate.</div>	R	DT	6/6				
DTM03	337	Time Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <div>User Note 1: 1. Use to indicate the transaction set creation time of the original Shipment Notice (e.g., the time carried in BSN04 of the original transmission). 2. Express the time in a four-position (Hour Hour Minute Minute) format.</div>	R	TM	4/8				
DTM04	623	Time Code Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow.	O	ID	2/2				
DTM05	624	Century Description: The first two characters in the designation of the year (CCYY).	O	N0	2/2				

HL**Hierarchical Level (Address)**

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 4

To identify dependencies among and the content of hierarchically related groups of data segments. Specifically, this loop is identify address information.

DOD Note:

1. Iterations of the 2/HL/010 loop provide data structured in a hierarchical logic consisting of address, shipment, line item and container information.
2. Must use the first iteration of the 2/HL/010 loop as the address loop. Use the second iteration as shipment loop to provide shipment information common to all line items. Use the third iteration and, if applicable, additional iterations as the line item loop. However, when there is a container applicable to a shipment, use the third iteration of the loop to associate the container with the shipment iteration of the loop. In that circumstance, the first and subsequent line item loops, if any, would begin at the next iteration of the loop following completion of all shipment level container information. Use iterations of the loop to specify container information and information related to consolidated shipments.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max								
HL01	628	Hierarchical ID Number Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. User Note 1: <i>In the first 2/HL/010 loop iteration, cite the number 1. In each subsequent loop iteration, increase incrementally by 1.</i>	M	AN	1/12								
HL02	734	Hierarchical Parent ID Number Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to. User Note 1: <i>1. Do not use in the first occurrence of the 2/HL/010 address loop. Use in subsequent 2/HL/010 shipment loops to identify the relationship between a previous occurrence of the loop and the current occurrence of the loop. 2. Cite the sequential serial number assigned in HL01 of the 2/HL/010 address loop to identify the shipment associated with the address. Cite the sequential serial number assigned in HL01 of the 2/HL/010 shipment loop to identify the line item associated with the shipment loop. Cite the sequential serial number assigned in HL01 of the 2/HL/010 shipment or line item loop, as appropriate, to associate a returnable container with its relevant shipment or line item. Citing the applicable information in this fashion provides a cross-reference for all address, shipment, line item and container information contained in the shipment notice. Repeat the shipment, line item and container loops as necessary, to identify all shipments, and line items relevant to the shipment(s) being reported.</i>	R	AN	1/12								
HL03	735	Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure. <table><tr><th>Code</th><th>Name</th></tr><tr><td>I</td><td>Item</td></tr><tr><td>S</td><td>Shipment</td></tr><tr><td>V</td><td>Address Information</td></tr></table> Description: The HL loop will identify entities associated with the shipment notice transaction	Code	Name	I	Item	S	Shipment	V	Address Information	M	ID	1/2
Code	Name												
I	Item												
S	Shipment												
V	Address Information												
HL04	736	Hierarchical Child Code Description: Code indicating whether if there are hierarchical child data	R	ID	1/1								

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
		segments subordinate to the level being described.			
		<u>Code</u>	<u>Name</u>		
	1		Additional Subordinate HL Data Segment in This Hierarchical Structure.		

N1 Name

Pos: 340	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

To identify procurement parties by function, type of entity, name and corresponding addresses.

DOD Note:

1. Use the 2/N1/220 loop in 2/HL/010 address loops to identify: a) the party originating the transaction set; b) an Automated Data Processing Point as specified in the contract for a party receiving the transaction set; and c) the Ship-To, ultimate recipient, or service performance locations when the same address applies to all line items in the 2/HL/010 shipment loops.
2. Use the 2/N1/220 loop in 2/HL/010 line item loops to identify addresses that vary by line item.
3. Use the 2/N1/220 loop in 2/HL/010 address loop to identify the Ship-To, ultimate recipient, or services performance location when the same address applies to all lines cited in the 2/HL/010 line item loops (when used by Defense Contract Management Command in preparing a Shipment Performance Notice).
4. Use other listed codes, as appropriate, in loops to which they are applicable.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, or an individual <u>Code Name</u> BY Buying Party (Purchaser) PL Party to Receive Purchase Order PO Party to Receive Invoice for Goods or Services SE Selling Party SH Shipper ST Ship To	M	ID	2/2
N102	93	Name Description: Free-form name. User Note 1: Use as necessary, to indicate the name of the activity cited in N101. When that party can be identified by a code value in N104, it is not necessary to provide the name. If additional characters are required to cite the full name, truncate at a logical point and use the N2 segment for the additional name information. When the title of the party performing Quality Assurance at destination is provided, carry that information in an iteration of the N2 segment. When N101 cites code 7H and the Free on Board point is a vessel, use to indicate, as applicable, the name of the port city.	O	AN	1/35
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67). <u>Code Name</u> 10 Department of Defense Activity Address Code (DODAAC) 33 Commercial and Government Entity (CAGE) ZZ Mutually Defined	O	ID	1/2
N104	67	Identification Code Description: Code identifying a party or other code. User Note 1: Use to cite the actual code activity cited in N101, as signaled in N103.	O	AN	2/20

N2

Additional Name Information

Pos: 350	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

To specify additional names or those longer than 35 characters in length

DOD Note:
Use additional name information for the party cited in N101, when the size of the name is greater than the space allocated in N102.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N201	93	Name Description: Additional Name 1 or Address Line 2	M	AN	1/35
N202	93	Name Description: Additional Name 2.	O	AN	1/35

N3

Address Information

Pos: 360

Max: 2

Detail - Optional

Loop: N1

Elements: 2

To specify the location of the named party

DOD Note:
Use to indicate the number of the building, the name of the street, suite numbers, if applicable, and any other address information. Use N302 if additional space is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N301	166	Address Information Description: Address Line 1 or Address Line 3 information.	M	AN	1/35
N302	166	Address Information Description: Address Line 2 or Address Line 4 information used for overseas address or Address Line 4 when unable to parse the city, state, and zip.	O	AN	1/35

N4

Geographic Location

Pos: 370

Max: 1

Detail - Optional

Loop: N1

Elements: 4

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N401	19	City Name Description: Free-form text for city name.	O	AN	2/30
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency.	O	ID	2/2
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States). User Note 1: Do not use a dash in the zip code.	O	ID	3/11
N404	26	Country Code Description: Code identifying the country. User Note 1: Use only when other than the United States.	O	ID	2/3

PER Administrative Communications Contact

Pos: 390 Max: 3
Detail - Optional
Loop: N1 Elements: 9

To identify a person or office to whom administrative communications should be directed. **Note: at least one (1) point of contact is required by DSCR.**

DOD Note:

Use to indicate the name and title of a contractor party making a certification or authorization.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
PER01	366	Contact Function Code Description: Code identifying the major duty or responsibility of the person or group named. <u>Code Name</u> AL Alternate Contact Description: Person to be contacted when the main contact is not available AS Authorized Signature CE Certifier IC Information Contact	M	ID	2/2
PER02	93	Name Description: Free-form name. User Note 1: When PER01 cites codes CE or AS, use to indicate the name of the party making the certification or authorization.	R	AN	1/35
PER03	365	Communication Number Qualifier Description: Code identifying the type of communication number. <u>Code Name</u> AU Defense Switched Network Description: Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) EM Electronic Mail FT Federal Telecommunications System (FTS) FX Facsimile IT International Telephone TE Telephone	R	ID	2/2
PER04	364	Communication Number Description: Complete communications number including country or area code when applicable.	R	AN	1/80
PER05	365	Communication Number Qualifier Description: Code identifying the type of communication number. <u>Code Name</u> AU Defense Switched Network Description: Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) EM Electronic Mail EX Telephone Extension FT Federal Telecommunications System (FTS) FX Facsimile IT International Telephone TE Telephone	R	ID	2/2

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PER06	364	Communication Number Description: Complete communications number including country or area code when applicable.	R	AN	1/80
PER07	365	Communication Number Qualifier Description: Code identifying the type of communication number. <u>Code</u> <u>Name</u> AU Defense Switched Network Description: Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) EM Electronic Mail EX Telephone Extension FT Federal Telecommunications System (FTS) FX Facsimile IT International Telephone TE Telephone	R	ID	2/2
PER08	364	Communication Number Description: Complete communications number including country or area code when applicable.	R	AN	1/80
PER09	443	Contact Inquiry Reference Description: Additional reference number or description to clarify a contact number. User Note 1: When PER01 cites code CE (Certifier), use to indicate the title of the party making the certification.	R	AN	1/20

HL**Hierarchical Level (Shipment)**

Pos: 400	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 4

To identify dependencies among and the content of hierarchically related groups of data segments. Specifically, this loop is identify shipment information.

DOD Note:

1. Iterations of the 2/HL/010 loop provide data structured in a hierarchical logic consisting of address, shipment, and line item information.
2. Must use the first iteration of the 2/HL/010 loop as the address loop. Use the second iteration as shipment loop to provide shipment information common to all line items. Use the third iteration and, if applicable, additional iterations as the line item loop. However, when there is a container applicable to a shipment, use the third iteration of the loop to associate the container with the shipment iteration of the loop. In that circumstance, the first and subsequent line item loops, if any, would begin at the next iteration of the loop following completion of all shipment level container information. Use iterations of the loop to specify container information and information related to consolidated shipments. Repeat the line item loop as necessary to identify all line items relevant to the shipment or line items being reported.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>								
HL01	628	Hierarchical ID Number Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. User Note 1: <i>In the first 2/HL/010 loop iteration, cite the number 1. In each subsequent loop iteration, increase incrementally by 1.</i>	M	AN	1/12								
HL02	734	Hierarchical Parent ID Number Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to. User Note 1: <i>1. Do not use in the first occurrence of the 2/HL/010 address loop. Use in subsequent 2/HL/010 shipment loops to identify the relationship between a previous occurrence of the loop and the current occurrence of the loop.</i> <i>2. Cite the sequential serial number assigned in HL01 of the 2/HL/010 address loop to identify the shipment associated with the address. Cite the sequential serial number assigned in HL01 of the 2/HL/010 shipment loop to identify the line item associated with the shipment loop. Cite the sequential serial number assigned in HL01 of the 2/HL/010 shipment or line item loop, as appropriate, to associate a returnable container with its relevant shipment or line item. Citing the applicable information in this fashion provides a cross-reference for all address, shipment, line item and container information contained in the shipment notice. Repeat the shipment, line item and container loops as necessary, to identify all shipments, and line items relevant to the shipment(s) being reported.</i>	O	AN	1/12								
HL03	735	Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure. <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>I</td><td>Item</td></tr><tr><td>S</td><td>Shipment</td></tr><tr><td>V</td><td>Address Information</td></tr></table> Description: The HL loop will identify entities associated with the shipment notice transaction	<u>Code</u>	<u>Name</u>	I	Item	S	Shipment	V	Address Information	M	ID	1/2
<u>Code</u>	<u>Name</u>												
I	Item												
S	Shipment												
V	Address Information												

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
HL04	736	Hierarchical Child Code Description: Code indicating whether if there are hierarchical child data segments subordinate to the level being described. All valid standard codes are used.	R	ID	1/1

TD1 Carrier Details (Quantity and Weight)

Pos: 470	Max: 20
Detail - Optional	
Loop: HL	Elements: 5

To specify the shipment details relative to commodity, weight and quantity.

DOD Note:

Use in all contracts administered by Defense Contract Management Command with the exception of Fast Pay Procedures. Use in the 2/HL/010 shipment loop to provide, as applicable, the actual weight in pounds, of the shipment being reported.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
TD101	103	Packaging Code Description: Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material. <u>Code Name</u> BOX Box (Note this is an example of code use, a number of other codes are also available, and accepted by DSCR. Consult the conclusive ANSI X12 guide)	R	AN	3/5
		*If present, require TD102.			
TD102	80	Lading Quantity Description: Number of units (pieces) of the lading commodity. *If present, require TD101.	R	N0	1/7
TD106	187	Weight Qualifier Description: Code defining the type of weight. <u>Code Name</u> G Gross Weight (Note this is an example of code use, a number of other codes are also available, and accepted by DSCR. Consult the conclusive ANSI X12 guide)	O	ID	1/2
TD107	81	Weight Description: Identifying the numeric value of shipment weight. User Note 1: The actual gross weight in pounds of the shipment being reported.	O	R	1/10
TD108	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code Name</u> 01 Actual Pounds (Note this is an example of code use, a number of other codes are also available, and accepted by DSCR. Consult the conclusive ANSI X12 guide)	O	ID	2/2

TD5

Carrier Details (Routing Sequence/Transit Time)

Pos: 480	Max: 12
Detail - Optional	
Loop: HL	Elements: 4

To specify the carrier and routing information

DOD Note:

Use in 2/HL/010 shipment loops to identify the mode of shipment.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
TD501	133	Routing Sequence Code Description: Code describing the sequence of routing relating to a specific shipment movement. <u>Code Name</u> O Origin Carrier (Air, Motor, or Ocean)	O	ID	1/2
TD502	66	Identification Code Qualifier Description: Designated system/method of code structure used for identifying a carrier. <u>Code Name</u> 33 Commercial and Government Entity (CAGE)	O	ID	1/2
TD503	67	Identification Code Description: Actual code for identifying a specific carrier.	O	AN	2/20
TD505	387	Routing Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.	O	AN	1/35

REF Reference Numbers

Pos: 510	Max: >1
Detail - Optional	
Loop: HL	Elements: 3

The usage and occurrence are as follows;

<u>Occurrence A.</u>	CARRIER TRACKING INFORMATION
	→ TYPE TRACKING CODE
	→ TRACKING NUMBER
	→ CARRIER NAME
<u>Occurrence B.</u>	REQUISITION NUMBER
	→ INTERNAL ORDER NUMBER
	→ REQUISITION NUMBER
<u>Occurrence C.</u>	MILSTRIP REQUISITION PRIORITY NUMBER
	→ PRIORITY RATING
	→ DOD PRIORITY CODE
<u>Occurrence D.</u>	. PROJECT CODE
	→ PROJECT QUALIFIER
	→ PROJECT CODE NUMBER
<u>Occurrence E.</u>	FORIEGN MILITARY SALES (FMS) CASE CODE
	→ FMS CASE NUMBER
	→ CASE CODE

DOD Note:

1. Use in the 2/HL/010 shipment loop to identify bill of lading and transportation control numbers.
2. Use in the 2/HL/010 line item loops to identify, if applicable, the transaction number (i.e., the requisition number), and also, if applicable, the requisition number suffix, and other suffix, and other controlling numbers.
3. Use in the 2/HL/010 shipment loop to identify the shipment number assigned by the contractor, and if applicable, the suffix associated with the shipment number.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
REF01	128	Reference Number Qualifier Description: Code identifying shipment reference and/or tracking information below. Code Name 08 Carrier Assigned Package Identification Number IL Internal Order Number P4 Project Code PH Priority Rating	M	ID	2/2
REF02	127	Reference Number Description: To list Requisition Number.	R	AN	1/30
REF03	352	Text Description Description: To identify specific carrier corresponding to the Tracking Number in REF/150/127/02 . Example (s): FEDEX = Federal Express UPS = United Parcel Post OVN = Over Night	R	AN	1/80

DTM Date/Time Reference

Pos: 530	Max: 10
Detail - Optional	
Loop: HL	Elements: 7

To specify pertinent dates and times

DOD Note:

Use in the 2/HL/010 shipment loop to identify the actual/estimated date of material shipment or service performance when the same date applies to all line items cited in 2/HL/010 line item loops.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max				
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time. User Note 1: <i>Use only one code except for bulk petroleum shipments which may cite codes 011 and 375 together, if applicable.</i> <table><tr><th>Code</th><th>Name</th></tr><tr><td>035</td><td>Delivered (Goods and/or services delivered to buyer or designated receiving agent)</td></tr></table>	Code	Name	035	Delivered (Goods and/or services delivered to buyer or designated receiving agent)	M	ID	3/3
Code	Name								
035	Delivered (Goods and/or services delivered to buyer or designated receiving agent)								
DTM02	373	Date Description: Date (YYMMDD).	R	DT	6/6				
DTM03	337	Time Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	O	TM	4/8				
DTM04	623	Time Code Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow.	O	ID	2/2				
DTM05	624	Century Description: The first two characters in the designation of the year (CCYY).	O	N0	2/2				
DTM06	1250	Date Time Period Format Qualifier Description: Code indicating the date format, time format, or date and time format. User Note 1: <i>Use to indicate dates in another format.</i> All valid standard codes are used.	O	ID	2/3				
DTM07	1251	Date Time Period Description: Expression of a date, a time, or range of dates, times or dates and times.	O	AN	1/35				

FOB F.O.B. Related Instructions

Pos: 540	Max: 1
Detail - Optional	
Loop: HL	Elements: 5

To specify payment instructions relating to shipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>						
FOB01	146	Shipment Method of Payment Description: Code identifying FOB point. <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>PP</td><td>Prepaid (by Seller)</td></tr><tr><td>PS</td><td>Paid by Seller</td></tr></table> Description: The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)	<u>Code</u>	<u>Name</u>	PP	Prepaid (by Seller)	PS	Paid by Seller	M	ID	2/2
<u>Code</u>	<u>Name</u>										
PP	Prepaid (by Seller)										
PS	Paid by Seller										
FOB02	309	Location Qualifier Description: Code identifying type of location. <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>DE</td><td>Destination (Shipping)</td></tr><tr><td>OR</td><td>Origin (Shipping Point)</td></tr></table>	<u>Code</u>	<u>Name</u>	DE	Destination (Shipping)	OR	Origin (Shipping Point)	O	ID	1/2
<u>Code</u>	<u>Name</u>										
DE	Destination (Shipping)										
OR	Origin (Shipping Point)										
FOB03	352	Description Description: A free-form description to clarify the related data elements and their content.	O	AN	1/80						
FOB06	309	Location Qualifier Description: Code used to identify the Acceptance (and Inspection) point. <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>DE</td><td>Destination (Shipping)</td></tr><tr><td>OR</td><td>Origin (Shipping Point)</td></tr></table>	<u>Code</u>	<u>Name</u>	DE	Destination (Shipping)	OR	Origin (Shipping Point)	O	ID	1/2
<u>Code</u>	<u>Name</u>										
DE	Destination (Shipping)										
OR	Origin (Shipping Point)										
FOB07	352	Description Description: A free-form description to clarify the related data elements and their content.	O	AN	1/80						

HL Hierarchical Level (Item)

Pos: 680	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 4

To identify dependencies among and the content of hierarchically related groups of data segments.

DOD Note:

1. Iterations of the 2/HL/010 loop provide data structured in a hierarchical logic consisting of address, shipment, line item and container information.
2. Must use the first iteration of the 2/HL/010 loop as the address loop. Use the second iteration as shipment loop to provide shipment information common to all line items. Use the third iteration and, if applicable, additional iterations as the line item loop. However, when there is a container applicable to a shipment, use the third iteration of the loop to associate the container with the shipment iteration of the loop. In that circumstance, the first and subsequent line item loops, if any, would begin at the next iteration of the loop following completion of all shipment level container information. Use iterations of the loop to specify container information and information related to consolidated shipments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>				
HL01	628	Hierarchical ID Number Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. User Note 1: <i>In the first 2/HL/010 loop iteration, cite the number 1. In each subsequent loop iteration, increase incrementally by 1.</i>	M	AN	1/12				
HL02	734	Hierarchical Parent ID Number Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to. User Note 1: <i>1. Do not use in the first occurrence of the 2/HL/010 address loop. Use in subsequent 2/HL/010 shipment loops to identify the relationship between a previous occurrence of the loop and the current occurrence of the loop.</i> <i>2. Cite the sequential serial number assigned in HL01 of the 2/HL/010 address loop to identify the shipment associated with the address. Cite the sequential serial number assigned in HL01 of the 2/HL/010 shipment loop to identify the line item associated with the shipment loop. Cite the sequential serial number assigned in HL01 of the 2/HL/010 shipment or line item loop, as appropriate, to associate a returnable container with its relevant shipment or line item. Citing the applicable information in this fashion provides a cross-reference for all address, shipment, and line item information contained in the shipment notice.</i>	O	AN	1/12				
HL03	735	Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure. <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>I</td><td>Item</td></tr></table> Description: The HL loop will identify entities associated with the shipment notice transaction	<u>Code</u>	<u>Name</u>	I	Item	M	ID	1/2
<u>Code</u>	<u>Name</u>								
I	Item								
HL04	736	Hierarchical Child Code	O	ID	1/1				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
Description: Code indicating whether if there are hierarchical child data segments subordinate to the level being described.					
<u>Code</u> <u>Name</u>					
	1	Additional Subordinate HL Data Segment in This Hierarchical Structure.			

LIN

Item Identification

Pos: 690

Max: 1

Detail - Optional

Loop: HL

Elements: 7

To specify item level identification data.

DOD Note:

1. Use the 2/LIN/020 segment in 2/HL/010 line item loops to cite a line item and to identify the National Stock Number, or other description of the item cited.

2. If the line item cannot be described using one of the listed codes, there must be at least one use of LIN02/03 citing any applicable code, to satisfy syntax requirements of X12.

3. Must use at least one iteration of this segment to identify the line item.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max				
LIN01	350	<p>Assigned Identification</p> <p>Description: Use to identify items in accordance with the format prescribed in the Defense Federal Acquisition Regulation Supplement Uniform Line Item Numbering Policy, the Line Item, if applicable, e.g., Contract Line Item Number, Sub Line Item Number, Exhibit Line Item Number, etc., in accordance with the Uniform Contract Line Item Numbering System. (Note DSCR LIN=0001 in most cases, if another ID is assigned please contact the DSCR representative).</p> <p>User Note 1: 1. Use to identify in accordance with the format prescribed in the Defense Federal Acquisition Regulation Supplement Uniform Line Item Numbering Policy, the Line Item, if applicable, e.g., Contract Line Item Number, Sub Line Item Number, Exhibit Line Item Number, etc., in accordance with the Uniform Contract Line Item Numbering System.</p> <p>2. This data element is required when preparing a Shipment Performance Notice or destination acceptance alert for Defense Contract Management Command use.</p>	O	AN	1/11				
LIN02	235	<p>Product/Service ID Qualifier</p> <p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).</p> <p>User Note 1: 1. For Navy and Defense Logistics Agency contracts, LIN02 must be used at least once and cited either of codes FS, MG, or SW to identify material. Use code SV to identify a service performance notice.</p> <p>2. Use code PD when the line item cannot be identified by using one of the other listed codes. When used, describe the item in the associated Product/Service ID, DE 234.</p> <p>3. For other than Navy and Defense Logistics Agency contracts use any applicable code(s).</p> <p>4. For bulk fuels, only use code FS.</p> <table><tr><th>Code</th><th>Name</th></tr><tr><td>FS</td><td>National Stock Number</td></tr></table>	Code	Name	FS	National Stock Number	M	ID	2/2
Code	Name								
FS	National Stock Number								
LIN03	234	<p>Product/Service ID</p> <p>Description: Identifying number for a "National Stock Number" for a product or service.</p>	M	AN	1/40				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
User Note 1: Use code "Z" to indicate "See Contract" when the item cannot be described by one of the other codes, or by using the 2/PID/070 segment.					
LIN04	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). <u>Code Name</u> VN Vendor's (Seller's) Item Number (Note this is an example of code use. a number of other codes are also available. and accepted by DSCR. Consult the conclusive ANSI X12 guide)	O	ID	2/2
LIN05	234	Product/Service ID Description: Identifying number for a "Vendor's (Seller's) Part Number" for a product or service.	O	AN	1/40
LIN06	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). <u>Code Name</u> ZZ Mutually Defined	O	ID	2/2
LIN07	234	Product/Service ID Description: Identifying number for a "Mutually Defined - Requisition Number" for a product or service.	O	AN	1/40

SN1

Item Detail (Shipment)

Pos: 700

Max: 1

Detail - Optional

Loop: HL

Elements: 4

To specify line item details relative to shipment

DOD Note:

1. Use as needed in the 2/HL/010 line item loops to identify shipment quantities in the various levels. Use as necessary in the 2/HL/010 container loops to indicate the number of returnable shipping containers. Use 2/REF/150, code RS to indicate the serial numbers of returnable containers or shipping containers.

2. Use only as needed when reporting services.

3. When used to indicate items shipped to multiple consignees, there must be an iteration of the 2/SLN/040 segment to indicate the total quantity shipped.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
SN102	382	<div>Number of Units Shipped</div> <div>Description: Quantity shipped in vendor's unit of issue for line item(s).</div> <div>User Note 1: 1. When BSN05 is not present and HL03 is code S (shipment loop), use to identify the quantity shipped.</div> <div>2. Use as necessary in the 2/HL/010 container loop to indicate the quantity of returnable containers or the total quantity of containers shipped. Use 2/REF/150 code RS to indicate serial numbers of returnable containers.</div> <div>3. When BSN05 is code 0001 and HL03 is code O (Order loop), use to identify the number of items shipped in an order.</div> <div>4. When BSN05 is code 0001 and HL03 is code P (Pack loop), use to identify the number of items shipped in a pack.</div> <div>5. Use the number "0" (zero) to indicate no quantity was either shipped or reported, such as in an interim Shipment Performance Notice.</div>	M	R	1/10
SN103	355	<div>Unit or Basis for Measurement Code</div> <div>Description: Unit measurements for line item(s) shipped. (Note: unit of issue is of significance and must be agreed upon for usage between buyer (government) and vendors to accurately track and reconcile a shipment).</div> <div>User Note 1: 1. Use any code, other than code ZZ, to identify as necessary, the purchase unit for the quantity shipped or service performed. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes. Use code UL when no purchase unit applies.</div> <div>2. Use as necessary to indicate the applicable unit when in the shipment or container level loops.</div> <div>All valid standard codes are used.</div>	M	ID	2/2
SN105	330	<div>Quantity Ordered</div> <div>Description: Quantity of line item(s) ordered.</div> <div>User Note 1: Use to indicate another quantity against an alternate unit of issue. When used, include that other unit of issue in the SN106 data element.</div>	O	R	1/9

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SN106	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken. (Note: unit of issue is of significance and must be agreed upon for usage between buyer (government) and vendors to accurately track and reconcile a shipment). User Note 1: Use any code, other than code ZZ, to indicate the alternate unit of measure. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes. All valid standard codes are used.	O	ID	2/2

PRF Purchase Order Reference

Pos: 710	Max: 1
Detail - Optional	
Loop: HL	Elements: 5

To provide reference to a specific purchase order.

DOD Note:

1. Use in 2/HL/010 shipment loops to identify contract information.
2. Use to identify the Procurement Instrument Identification Number and, if applicable, the Supplemental Procurement Instrument Identification Number.
3. Use to identify a contract or order modifications, as applicable, except for Defense Contract Management Command use in generating a Shipment Performance Notice.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PRF01	324	Purchase Order Number Description: Identify the "Purchase Order Number" assigned by the orderer/purchaser and/or DSCR. Communicated from the 850 PO. User Note 1: Enter the purchase order number, contract number (including Federal Supply Schedules, General Services Administration Schedules and all other basic contracts), Blanket Purchase Agreement number, Grant, Lease or Agreement number. This is always the Procurement Instrument Identification Number for the Department of Defense or the equivalent expression for Civilian Agencies. This is never the number of a delivery order, call or release against a basic award instrument. That number is carried in PRF02. This number shall be transmitted without dashes.	M	AN	1/22
PRF02	328	Release Number Description: Identify the "Delivery Order/Call Number" assigned by the orderer/purchaser and/or DSCR. Communicated from the 850 PO. User Note 1: Enter the number of a release, call or delivery order against a basic award instrument. This is always the Supplemental Procurement Instrument Identification Number for the Department of Defense or the equivalent expression for Civilian Agencies. This number shall be transmitted without dashes. When preparing a Shipment Performance Notice or destination acceptance alert for Defense Contract Management Command do not include the contract modification number.	O	AN	1/30
PRF04	373	Date Description: Identify date of the "Delivery/Purchase Order/850" assigned by the orderer/purchaser and/or DSCR.	O	DT	6/6
PRF06	367	Contract Number Description: Contract number. User Note 1: Use to identify the Small Business Administration (SBA) contract number for an 8a set-aside. The SBA office issuing this contract is cited in 2/N1/220 segment by use of code C9 in N101.	O	AN	1/30
PRF07	92	Purchase Order Type Code Description: Code specifying the type of Purchase Order.	O	ID	2/2

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
		<u>Code</u> <u>Name</u>			
	RL	Release or Delivery Order			
		Description: An order for goods and services placed against a pre-existing contract or blanket order			

PO4 Item Physical Details

Pos: 720	Max: 1
Detail - Optional	
Loop: HL	Elements: 14

To specify the physical qualities, packaging, weights and dimensions relating to the item.

DOD Note:

Use, as necessary, to describe the physical details of the item cited in LIN01.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PO401	356	Pack Description: Number of inner pack units per outer pack unit.	O	N0	1/6
PO402	357	Size Description: Size of supplier units in pack.	O	R	1/8
PO403	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken User Note 1: <i>Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i> All valid standard codes are used.	O	ID	2/2
PO404	103	Packaging Code Description: Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material. All valid standard codes are used.	O	AN	3/5
PO405	187	Weight Qualifier Description: Code defining the type of weight. User Note 1: <i>Use any code other than code Z.</i> All valid standard codes are used.	O	ID	1/2
PO406	384	Gross Weight per Pack Description: Numeric value of gross weight per pack.	O	R	1/9
PO407	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken User Note 1: <i>Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i> All valid standard codes are used.	O	ID	2/2
PO408	385	Gross Volume per Pack Description: Numeric value of gross volume per pack.	O	R	1/9
PO409	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken User Note 1: <i>Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i> All valid standard codes are used.	O	ID	2/2
PO410	82	Length Description: Largest horizontal dimension of an object measured when the object is in the upright position.	O	R	1/8

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PO411	189	Width Description: Shorter measurement of the two horizontal dimensions measured with the object in the upright position.	O	R	1/8
PO412	65	Height Description: Vertical dimension of an object measured when the object is in the upright position.	O	R	1/8
PO413	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken User Note 1: Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes. All valid standard codes are used.	O	ID	2/2
PO414	810	Inner Pack Description: Number of units in each selling pack	O	N0	1/6

PID

Product/Item Description

Pos: 730

Max: 200

Detail - Optional

Loop: HL

Elements: 2

To describe a product or process in coded or free-form format

DOD Note:
Use this segment only when additional free form text is needed to describe the item cited in LIN01.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>				
PID01	349	Item Description Type Description: Code indicating the format of a description. <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>F</td><td>Free-form</td></tr></table>	<u>Code</u>	<u>Name</u>	F	Free-form	M	ID	1/1
<u>Code</u>	<u>Name</u>								
F	Free-form								
PID05	352	Description Description: A free-form description to clarify the related data elements and their content. Use to describe the item cited in LIN01 only when an additional description is required. This layout is consistent with that of the 856. <div>User Note 1: Use to describe the item cited in LIN01 only when an additional description is required.</div>	O	AN	1/80				

CLD

Load Detail

Pos: 800

Max: 1

Detail - Optional

Loop: CLD

Elements: 3

To specify the number of material loads shipped.

DOD Note:
Use the 2/CLD/170 loop in 2/HL/010 line item loops to relate the quantity of the item shipped to one or more requisition numbers.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
CLD01	622	Number of Loads Description: Number of customer-defined loads shipped by the supplier. User Note 1: 1. Use the actual number or use the number 1 to satisfy X12 syntax. 2. When BSN05 is code 0001 and HL03 is code O (Order loop), cite the actual number of loads.	M	N0	1/5
CLD02	382	Number of Units Shipped Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set. User Note 1: 1. Indicate the quantity of the item shipped for the requisition number cited in the REF segment. 2. When BSN05 is code 0001, cite the number 1 to satisfy X12 syntax.	M	R	1/10
CLD05	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken User Note 1: Use any code, other than code ZZ, however, it must be the same code used in the Contract Line Item Number description for the contract contained in the LIN segment. All valid standard codes are used.	O	ID	2/2

LM

Code Source Information

Pos: 890

Max: 1

Detail - Optional

Loop: LM

Elements: 1

To transmit standard code list identification information

DOD Note:
Use the 2/LM/340 loop in the 2/HL/010 shipment loop to identify, as applicable, the contract shipment advice, transaction status indicator, supply condition code, and management code, as Department of Defense coded data, and the Document Identifier Code (DIC) when the same code applies to all line items cited in 2/HL/010 line item loops. Use the 2/LM/340 loop in 2/HL/010 line item loops when the codes vary by line item.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>				
LM01	559	Agency Qualifier Code	M	ID	2/2				
Description: Code identifying the agency assigning the code values.									
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>DF</td><td>Department of Defense (DoD)</td></tr></table>						<u>Code</u>	<u>Name</u>	DF	Department of Defense (DoD)
<u>Code</u>	<u>Name</u>								
DF	Department of Defense (DoD)								

LQ Industry Code

Pos: 900	Max: 100
Detail - Mandatory	
Loop: LM	Elements: 2

Code to transmit standard industry codes

DOD Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
LQ01	1270	Code List Qualifier Code Description: Code identifying a specific industry code list <u>Code Name</u> A9 Supplementary Address Description: Identifies the originating organization's unique logistics information	O	ID	1/3
LQ02	1271	Industry Code Description: Supplementary Address (DODAAC) User Note 1: 1. When preparing an internal Department of Defense transaction, and when LQ01 cites code 0, cite one of document identifier codes PJJ, PJR or PK5. 2. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 6, use only code A (Liquidated Damages). For others, use as many of these codes as are appropriate: A (Liquidated Damages), E (Government furnished property was part of the contract) or K (Bond bailment for DPSC clothing contracts). 3. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 7, use one of these codes: D (Destination) or S (Origin, Source). 4. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 8, use one of these codes: D (Destination) or S (Origin, Source). 5. When preparing a Defense Logistics Management System shipment performance notice, and when LQ01 is code 10, use as many of these codes as applicable: G (Ship-To code differs from contract), H (Stock number/part number differs from contract), L (MILSTRIP document number differs from contract), P (Final quantity shipped exceeds quantity variance for the cited CLIN), Q (Mark-for differs from contract), S (Two or more of the ship-to, mark-for, MILSTRIP document number do not match the contract), T (Quantity shipped exceed the on-order quantity and the stock/part number differ from the contract). 6. When preparing a Defense Logistics Management System shipment performance notice, and when LQ01 is code 14, use, as applicable only one of the codes: A (Components missing), B (Missing components)	O	AN	1/20

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
		<i>furnished), C (Quantity increase), D (Quantity decrease), E (Replacement shipment), F (Shipped and held in bond at contractor's plant), G (Shipped and held as GFP), H (Shipped or performed as indicated), and Z (Underrun quantity). While multiple codes can be transmitted, only one will be converted to an 80-column record in the Defense Logistics Management System.</i>			
		<i>7. When LQ01 is code 16, use one of the following codes: D (Discount), or N (No discount).</i>			
		<i>8. When preparing a shipment notice, and when LQ01 is code 9, use the following code: F (Fast Pay).</i>			
		<i>9. Use LQ01 code 83 only for Defense Logistics Management System bulk petroleum shipments to identify the supply condition.</i>			
		<i>10. Use LQ01 code 84 only for Defense Logistics Management System bulk petroleum shipments to identify management coded data.</i>			

SE

Transaction Set Trailer

Pos: 020

Max: 1

Summary - Mandatory

Loop: N/A

Elements: 2

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments.	M	N0	1/10
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set User Note 1: Cite the same number as the one cited in ST02.	M	AN	4/9

GE

Functional Group Trailer

Pos: 010

Max: 1

- Mandatory

Loop: N/A

Elements: 2

To indicate the end of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
GE01	97	Number of Transaction Sets Included Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element.	M	N0	1/6
GE02	28	Group Control Number Description: Assigned number originated and maintained by the sender.	M	N0	1/9

IEA

Interchange Control Trailer

Pos: 020

Max: 1

- Mandatory

Loop: N/A

Elements: 2

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
IEA01	I16	Number of Included Functional Groups Description: A count of the number of functional groups included in an interchange	M	N0	1/5
IEA02	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9